



Statement of Work

Title: Junior Software Engineer

Revision Number: 0

Date: September 29, 2016

Statement of Work for *Junior Software Engineer*

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<i>APPROVALS</i>	<i>PRINT NAME</i>	<i>SIGNATURE</i>
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* Approval for Technical Content



1.0 INTRODUCTION / BACKGROUND

The Mission Support Alliance (MSA) requires staff augmentation services related to the Information Management Software Engineering work scope. Support will be provided to the MSA Information Management Information Systems, Software Engineering workgroup.

The Subcontractor is required to provide staff augmentation support as set forth herein

2.0 OBJECTIVE

The MSA Information Management (IM), Software Engineering organization requires Software Engineering support and specialization in support for various site-wide web enabled database systems. Work will be managed by MSA.

3.0 DESCRIPTION OF WORK – SPECIFIC

Provide software engineering support to create, develop, operate and maintain software programs at the Hanford site. Application development also includes the assessment, maintenance, documentation, modernization, testing and program implementation functions. Responsibilities may include the support of legacy systems, the production of new systems, along with evaluating and deploying emerging mobile applications. The Subcontractor shall provide enterprise application services by supplying an adequately and appropriately skilled IT professional.

MSA Software Engineer Services (SES) requires a junior software engineer who will provide backup support for website applications developed in ColdFusion and ASP.NET with back ends developed in SQL Server and Oracle. A variety of SES applications and systems will be supported. Support includes helping to troubleshoot production problems and complete System Change Requests (SCRs).

The software engineer for this project should be able to:

- Troubleshoot software production issues with minimal guidance
- Develop using .NET technology
- Develop ASP.NET website changes using Visual Studio IDE
- Develop ColdFusion website changes using Adobe ColdFusion IDE
- Understand and follow basic Software Development Process
- Develop technical documentation

The software engineer will work directly with a senior software engineer, other project software engineers, the project manager, and customer subject matter experts.



4.0 QUALIFICATIONS

A degreed professional with minimal software programming experience and software support skills.

Basic Qualifications

- Bachelor's degree in Computer Science or related field.

Desired Qualifications

- Development experience with .NET, ColdFusion, or similar technology
- Experience with a ColdFusion Builder, Adobe Dreamweaver, Visual Studio, or similar
- Experience with relational database design
- Experience with Structured Query Language

Subcontractor shall ensure that its personnel meet and maintain the appropriate training, qualifications, and certification requirements as applicable.

5.0 REQUIREMENTS

General

Subcontractor shall operate to MSA policies, procedures, and processes. MSA will supervise and direct the day to day work activities of the Subcontractor's personnel.

For any work performed on the Hanford Site or any MSA controlled facility, the provisions of the On-Site Services Special Provisions, will apply to Subcontractor personnel.

5.1 Environmental, Safety, & Health Requirements

The Subcontractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Subcontractor shall comply with, and assist the Buyer in complying with environmental and safety requirements of all applicable laws, regulations and directives.

The Subcontractor shall exercise a degree of care commensurate with the work and the associated hazards. The Subcontractor shall ensure that management of environmental and safety functions and activities is an integral and visible part of the Subcontractor's work planning and execution processes. As a minimum, the Subcontractor shall:

- Thoroughly review the defined scope of work;



- Identify hazards and environmental and safety requirements;
- Analyze hazards and implement controls;
- Perform work within controls; and
- Provide feedback on adequacy of controls and continue to improve safety management.

The Subcontractor shall flow down all environmental and safety requirements to the lowest tier Subcontractor performing work on the Hanford site commensurate with the risk and complexity of the work.

5.2 Government Property

The Subcontractor will be responsible for managing the Government-owned property as required in the Subcontract Provisions.

6.0 PERSONNEL REQUIREMENTS

6.1 Training

- A. Hanford site-specific general training requirements to safely perform this work will be designated by the Buyer's Technical Representative (BTR).
- B. The following types of training qualifications are required:
 - Hanford General Education Training (HGET)/MSA General Education Training (MGET) is required.
 - Other site specific training may be required as determined during performance of this scope of work.

6.2 Security and Badging Requirements

- A. For any on site work, see Special Provisions – On-Site Services for details.
- B. The Subcontractor shall wear a Buyer-issued security badge identifying themselves. A minimum of two working days advance notice is needed for site badging.
- C. Subcontractor employees will be required to submit to vehicle searches and not personally carry or transport certain prohibited articles.

6.3 Work Location/Potential Access Requirements:



The primary work location is 2261 Stevens, Richland Washington (subject to change). Work including meetings may also be conducted on the Hanford site at various locations.

6.4 Site Access and Work Hours

Hanford personnel at the Hanford Site work a standard 4/10 schedule. The standard work week consist of ten (10) hours of work between 6:00 am and 4:30 pm, with one-half hour designated as an unpaid period for lunch, Monday through Thursday. Alternative schedules (example – 8 x 9 schedule) may be coordinated with and approved by the BTR.

Work performed outside normal operating hours shall be coordinated and/or approved through the BTR and/or the Contract Specialist prior to performing the work.

7.0 MEETINGS, SUBMITTALS

Subcontractor shall participate in all meetings as required by the Buyer's Technical Representative (BTR).

8.0 SCHEDULE REQUIREMENTS

8.1 Schedule

Start date: TBD

Completion date: September 30, 2017